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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: M.P. Galligan et al. : GROUP ART UNIT: 1754
SERIAL NO: 09/293,216 :
FILING DATE: April 16, 1999 : EXAMINER: N.M. Nguyen
TITLE: CATALYST MEMBERS HAVING :
ELECTRIC ARC SPRAYED SUBSTRATES : ATTY DKT: 4339/4358A
AND METHODS OF MAKING THE SAME : (P-1572-1)

RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, DC 20231

January 2, 2003

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JAN 08 2003

TC 1700

Dear Sir:

This paper is responsive to the office action mailed July 2, 2002 in which claims 22-33 and 40-47, all the claims pending in the application, were rejected under 35 U.S.C. 102 and 35 U.S.C. 103. In addition, the "amendment filed May 31, [sic] 2002" has been objected to under 35 U.S.C. 132 as introducing new matter. Please note that the request for continued examination ("RCE") which entered the amendment was filed on May 13, 2002 and the Examiner's references to the date of the amendment should be to May 13, 2002.

Please amend the above-captioned application as follows.

In The Specification

Please replace the twice-amended (9/27/00 and 5/13/02) paragraph at **page 16, 4th through 26th lines**, and the paragraph at **page 24, 3rd through 10th lines**, with the following paragraphs. Attached hereto as a separate paper is a copy of the paragraphs in which the changes made are shown by brackets and underlining.

* * *

Page 16, 4th through 26th lines:

There is a dramatic difference in the surface of an anchor layer applied in accordance with the present invention as compared to the surface of a metal substrate without the anchor layer. Figures 1A through 1D are photomicrographs of a foamed metal substrate taken at a variety of magnification levels. These Figures show that the substrate has a three-dimensional

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